

Claims:

1. A building component for forming floor and/or wall coverings comprising a support layer and a layer which is connected to the support layer, a floor and/or wall forming layer made of at least one coating element as well as devices for connecting similar building components applied to a floor or a wall.
2. The building component according to claim 1, characterized in that the support layer is connected by means of an intermediate layer to the at least one coating element.
3. The building component according to claim 2, characterized in that the intermediate layer is foamed or sprayed on the support layer and the at least one coating element.
4. The building component according to claim 2 or 3, characterized in the intermediate layer is foamed or sprayed by filling the joints between several coating elements.
5. The building component according to one of claims 2 to 4, characterized in that the intermediate layer is foamed or sprayed by forming a bordering encircling the building component.

6. The building component according to one of claims 1 to 5, characterized in that the width of the bordering encircling the building component is half as wide as the width of the joints between several coating elements.
7. The building component according to one of claims 2 to 6, characterized in that the intermediate layer is made of an elastic and/or water-resistant material.
8. The building component according to one of claims 1 to 7, characterized in that the support layer is made of recycling material, in particular of plastic recycling material.
9. The building component according to one of claims 1 to 8, characterized in that the coating element is made of ceramic, stoneware, natural stone, glass, plastic, metal and/or wood.
10. The building component according to one of claims 1 to 9, characterized in that the elements for forming the devices for connection of the building components are molded together to the intermediate layer in one piece and/or the intermediate layer is foamed or sprayed on separate similar elements.
11. The building component according to one of claims 1 to 10, characterized in that the building component comprises connector devices, particularly for tongue-and-groove joints.

12. The building component according to claim 11, characterized in that a groove is formed at two sides which are perpendicular relative to each other and a tongue is formed at the sides opposing these sides.
13. The building component according to one of claims 10 to 12, characterized in that engaging connector devices are provided.
14. The building component according to one of claims 11 to 13, characterized in that the groove is formed between the support layer and the layer encompassing the coating element.
15. The building component according to one of claims 10 to 14, characterized in that the edges of the support layer and of the layer encompassing the coating element are arranged offset relative to each other, parallel to the plane of the support layer.
16. The building component according to one of claims 10 to 14, characterized in that an element having the tongue or groove is connected in one piece with the intermediate layer.
17. The building component according to one of claims 1 to 16, characterized in that the support layer has a surface profile and/or a soft, ductile coating on its side facing away from the layer which is connected to the support layer.

18. The building component according to one of claims 1 to 17, characterized in that pipes for a heating and/or cooling, heating conductors and/or sensors are embedded in the building component, particularly in the support layer.
19. The building component according to one of claims 1 to 18, characterized in that the building component is part of a flexible building system which encompasses such building components.
20. The building component according to claim 19, characterized in that the flexible building component encompasses an elastic joint piece.
21. The building component according to claim 19 or 20, characterized in that the building system encompasses elastic joint connection elements for the connection of building components as well as edge facing elements.
22. The building component according to one of claims 1 to 22, characterized in that the building component is curved as a whole and/or exhibits a curved surface.